



USER MANUAL

SHUTTLE

MUSIC AND VIDEO SLIDER



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- Charging the battery
- Install/Remove the microSD card
- Using sensitive touch keys
- Turn the phone on/off
- Display icons
- Entering text
- Activating your Virgin Mobile phone
- Finding your phone's serial number
- Programming your phone

■ PACKAGE CONTENTS

This package should include all items pictured below. If any items are missing or different from the pictured items, contact the retailer where you purchased the cellular telephone immediately.



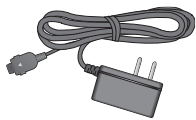
Phone



User Guide



Standard Battery



Travel Charger

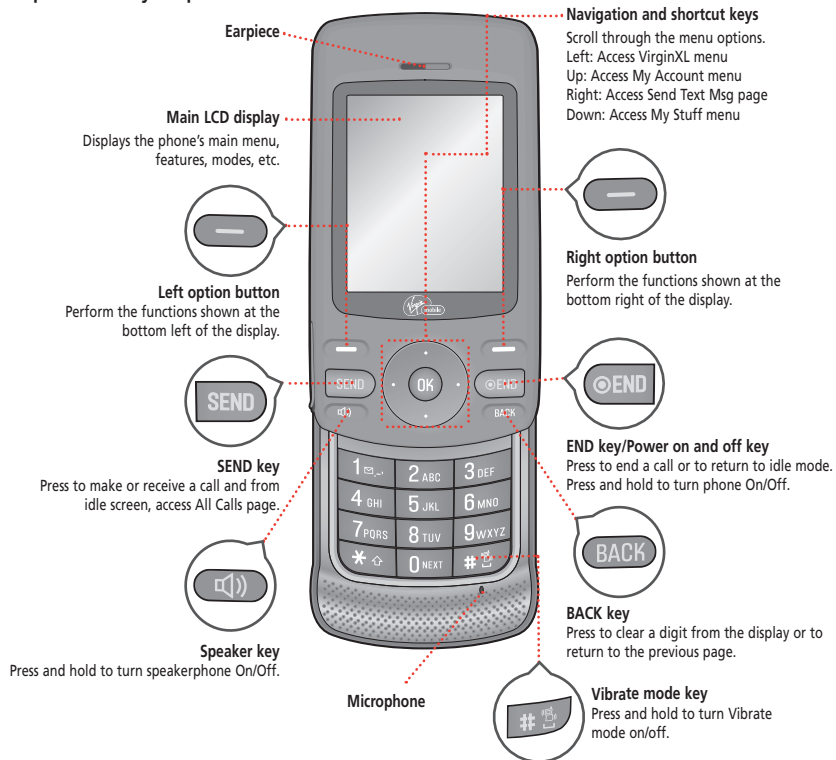
■ PHONE DIMENSIONS

Dimensions: 1.86" x 3.90" x 0.69"

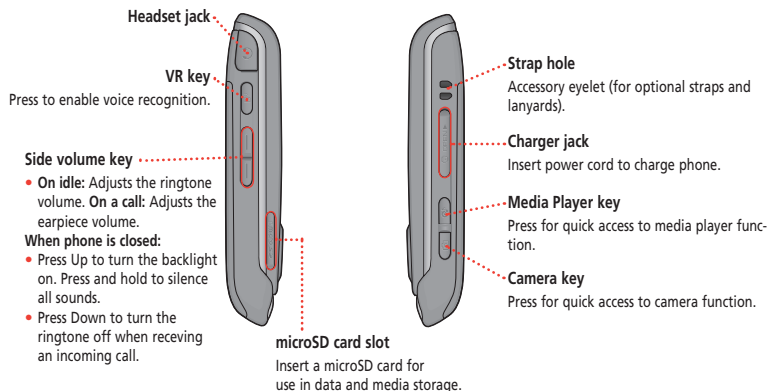
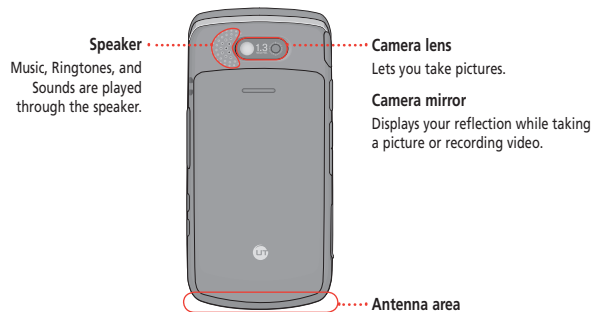
Weight: 3.56 ounces

■ PHONE OVERVIEW

Open view of your phone



Closed view of your phone



■ MENU OVERVIEW

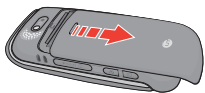
MAIN MENU	2ND LEVEL	3RD LEVEL	MAIN MENU	2ND LEVEL	3RD LEVEL
1. Messaging	<ol style="list-style-type: none"> 1. Send text msg 2. Send picture msg 3. Send video msg 4. Send IM 5. Send email msg 6. Inbox 7. Virgin Alerts 8. Voicemail 9. Sent 0. Saved *. Msg settings #. Erase msgs 		8. Surf the Web		
2. Contacts	<ol style="list-style-type: none"> 1. Find name 2. Add new 3. Groups 4. Speed dial 		9. Tools & Settings	<ol style="list-style-type: none"> 1. Tools 2. Display 3. Sounds 4. Call options 5. Security 6. Msg settings 	<ol style="list-style-type: none"> 1. Calendar 2. Alarm clock 3. Tip calculator 4. Calculator 5. World clock 6. Stopwatch 7. Voice commands 8. Voice memo 1. Graphics 2. Menu style 3. Greeting banner 4. Contrast 5. Backlight 6. Themes 1. My ringtones 2. Msg tones 3. Service alerts 4. Volume 5. Power tone 6. Key tone 7. Dial sound 8. Slide tone 1. Call reminder 2. Call answer 3. Auto answer 4. Keyguard 2. Change lock code 3. Special numbers 4. Erase contacts 5. Erase downloads 6. Reset phone 1. Msg tones 2. Reminder 3. Text entry 4. Auto text 5. Save to entry 6. Signature 7. Group 8. Auto erase
3. Media Player	<ol style="list-style-type: none"> 1. My music 2. My videos 3. Settings 				
4. My Account					
5. VirginXL					
6. My Stuff	<ol style="list-style-type: none"> 1. My ringtones 2. My music 3. My videos 4. My graphics 5. My games 6. My themes 7. My other stuff 				
7. Pictures & Videos	<ol style="list-style-type: none"> 1. Take a picture 2. Take a video 3. Send picture msg 4. Send video msg 5. My pictures 6. My videos 7. Help 				

MAIN MENU	2ND LEVEL	3RD LEVEL
9. Tools & Settings	7. Game settings	1. Volume 2. Backlight
	8. Bluetooth 9. Memory	1. Save options 2. Internal memory 3. External memory
	0. Others	1. Language 2. Airplane mode 3. TTY mode 4. Location 5. Touch key settings 6. Media player
	*. Phone info	1. My phone number 2. Version info

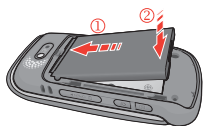
■ CHARGING THE BATTERY

To install/remove your battery

1. Remove the battery cover from the unit.



2. Slide the battery into the slot located at the bottom of the unit and press until you hear the "click".



3. To remove the battery, inserting your finger into the slot and pulling up from the back of the battery and slide it out.



4. Slide the battery cover back into the unit.

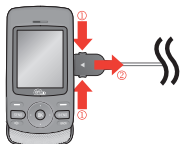


To charge your battery

1. Open the protective cover on the right side of the phone and connect the charger adapter. Plug the other end into a standard outlet.



2. To remove the adapter connection press the adapter's side buttons (1) and pull.



■ INSTALL/REMOVE THE microSD CARD

The microSD card stores sounds, images, photos and videos, music, and other files. (microSD card sold separately). microSD is a trademark of SD Card Association.


1. With the microSD card slot opened, and the gold contacts facing down, insert the microSD card into the slot. Push the card in until it clicks into place. Close the microSD card slot.



2. To remove the microSD card, open the microSD card slot. Use your thumb to press and release the microSD card. It will pop-out to allow you to remove the card. Remove the card and close the microSD card slot.



■ USING SENSITIVE TOUCH KEYS

 are touch-key sensors and are sensitive to your light touch. When pressing these keys, use the tip of your finger to touch the center of each key. If you touch off-center, it may activate a nearby function instead.

Note:


The touch sensor level can be adjusted to your preference. For Touch key settings, see page 50.

■ TURN THE PHONE ON/OFF

To turn on









1. Press and hold [END].

To turn off

1. Press and hold [END].

■ DISPLAY ICONS


Display indicators



Icon	Name
	Signal Strength Current signal strength: the more lines, the stronger the signal.
	Phone Status (Normal Voice Call/No Service/Emergency Mode/Speakerphone Mode/1X data call/EVDO data call)
	Normal Ring/Ring and Vibrate/Vibrate only/Vibrate mode/Silence All
	Phone Message (SMS/MMS/Wap push/Voice Mail), Virgin Alert, Email, Instant Messenger
	Alarm/Schedule is set
	Bluetooth (On/Connected/Pairing)
	TTY/GPS (Location)/Lock Mode
	Battery (Strength/Charging)

■ ENTERING TEXT

The input mode (Alpha editor) will automatically be activated when necessary to enter letters and numbers. As shown below, there are 4 available modes: Standard input mode (Abc), Input mode (T9Abc), Numeric mode (123) and Symbols. The input mode indicator appears on the upper right of the display when letters and numbers are entered. To select the desired input mode from the 4 modes below, press *Options* and then select input mode.

Useful keys

Key	Function
# 	Press to accept a word and add a space.
O NEXT	In T9Abc Mode, press to view the next matching word if the highlighted word is not the word you intended.
BACK	Press to delete a character to the left of the cursor. Press and hold to delete the entire word.
OK	Confirm the letters and numbers you entered.

 	Press to select a letter case of the standard text input or text input mode. ABC Abc and abc indicate the standard text input. T9Abc T9abc and T9ABC indicate the predictive text input.
---	--

To enter text using the keypad

Key	English	Spanish
1 Key	. @ ? ! - , & : ' / 1	
2 Key	a b c 2	a á b c 2
3 Key	d e f 3	d e é f 3
4 Key	g h i 4	g h í i 4
5 Key	j k l 5	
6 Key	m n o 6	m n ñ o ó 6
7 Key	p q r s 7	
8 Key	t u v 8	
9 Key	w x y z 9	
0 Key	0	

Predictive mode (T9Abc)

T9 mode automatically compares your keystrokes with an internal dictionary to “guess” the word you want to type. The most commonly used word will appear first. To use T9Abc mode, press *Options* > T9Abc.

1. Press *Options* > change the mode to T9Abc.
2. Press [2_{ABC}] to [9_{WXYZ}] to input text.

For example, to write ‘hello’ press [4_{GHI}] [3_{DEF}] [5_{JKL}] [5_{JKL}] [6_{MNO}].

3. Press [0_{NEXT}] to search for the word.

Multi-tap input mode

Press the key labeled with the target letter once for the first letter; press it twice for the second letter, and so on.

1. Press *Options* > change the mode to Abc.
2. Press [2_{ABC}] to [9_{WXYZ}] to repeatedly input text. For example, to write the letter “C”, press [2_{ABC}] 3 times.



Numeric mode

Number mode allows you to enter numbers.

1. Press *Options* > change the mode to 123.
2. Press [1_{EQ...}] to [9_{WXYZ}] to input numbers.

Symbol mode

Allows you to enter symbols.

1. Press *Options* > change the mode to Symbols.
2. Use the Navigation and shortcut keys to scroll. Press the number for the symbol, and the symbol appears in the text input screen.
3. To display more symbols, press the Navigation keys [] or [].

■ ACTIVATING YOUR VIRGIN MOBILE PHONE

Before you can start talking, messaging, or

downloading, you’ll need to activate service with Virgin Mobile. To activate online, write down your phone’s serial number (see below) and then go to www.virginmobileusa.com and click on “Activate”. Or call Virgin Mobile at 1-888-322-1122.


■ FINDING YOUR PHONE’S SERIAL NUMBER

To activate your Virgin Mobile account, you need your phone’s serial number. To locate it:

1. In standby mode, press ##MEID# (that’s #-#-6-3-4-3-#).
2. The 18-digit serial number appears under the letters “MEID”.

■ PROGRAMMING YOUR PHONE

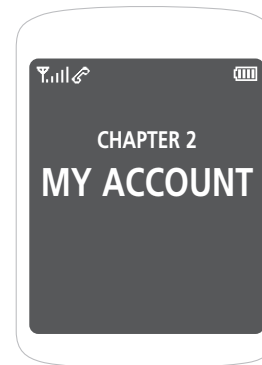
Once your account is active, you’ll receive your Virgin Mobile phone number. When you are ready, follow these steps to program it into your phone:

1. Press and hold [END] to turn on your phone.
2. Dial ##VIRGIN# (that’s #-#-8-4-7-4-4-6-#)
3. You are now in the Programming menu. Scroll down to *Edit* > *Select*. Select *MDN* > Enter your cellular phone number supplied to you during activation. > Press OK key. Next scroll down to *MSID* > Enter your network ID supplied to you during activation. > Press OK key. Using the *clr* softkey back out and then select *Done*. The phone will turn off automatically, that’s how you know you are done.

4. "We're getting your phone number for you" will appear on the display, then your phone will display your new Virgin Mobile phone number. Write it down.
5. Scroll down to *Finish* > *OK* to complete the activation process. Your phone will turn off and back on by itself.

That's it:

It might take Virgin Mobile a couple of hours to get you set up on their network. They will send your phone a text message to let you know when you can start talking. It may take up to 4 hours for VirginXL, voicemail, and Top-Up features to activate.



Checking your Account Balance
Top-Up your account

■ CHECKING YOUR ACCOUNT BALANCE

You can check your Virgin Mobile account status two ways: In standby mode, press the Navigation Key up or in standby mode, select *Menu > My Account*. Your account information appears with Top-Up information for your selected plan. When your account is low or empty, you will receive notification to Top-Up.

■ TOP-UP YOUR ACCOUNT

When your balance is low, you can Top-Up your account from your phone:

Top-Up with a Top-Up Card

1. In standby mode, press *Menu > My Account*. Or, from idle screen, press the Navigation Key up.
2. Press *Select* to access the *Top-Up Now* link.
3. Enter your Account PIN and press the Navigation Key down.
4. With *Login* highlighted, press *OK* key, or press *Select*.
5. Enter your Top-Up card's PIN number and press *OK* key.
6. Scroll down to select *Top-Up Now* and press *OK* key.
7. You are now Topped-Up. Press [**END**] to exit.

Note:

If you made an error when entering your Account PIN, simply highlight the text field. The left soft key will then

say *Edit*, press the key and then use the *Back/Clr* button to clear the field. Re-enter the correct Account PIN.

Top-Up with a Debit Card, Credit Card, or PayPal Account

Before you can Top-Up from your phone with a debit card, credit card, or PayPal account, you need to register the card or PayPal account at www.virginmobileusa.com.

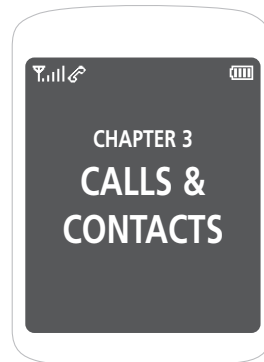
1. In standby mode, press *Menu > My Account*.
2. Scroll down to the *Top-Up* link and press *OK* key.
3. Enter your Account PIN and press the Navigation Key down.
4. Scroll down to select *Login* and press *OK* key.
5. Scroll down and select *Credit Card* or *PayPal*.
6. Enter the amount you want to Top-Up and press *OK* key. You can Top-Up in amounts of \$10, \$20 and up.
7. Scroll down to select *Top-Up Now* and press *OK* key.
8. At the confirmation screen, select *Yes*.
9. You are now Topped-Up. Press [**END**] to exit.

Note:

You can also Top-Up at www.virginmobileusa.com.

For more information

For more information about your Virgin Mobile account or Virgin Mobile service, visit www.virginmobileusa.com.



Making, Receiving & Ending a call
 Adjusting master volume
 Caller ID
 Call waiting function
 Speakerphone
 Vibrate mode on/off
 Using auto keypad lock function
 Making an emergency call
 Options during a call
 Call setting
 Checking all calls
 Using contacts
 Speed dialing
 Voice commands (VR)
 Using your headset

■ MAKING, RECEIVING & ENDING A CALL

To make a call

1. Enter the area code and phone number.
2. Press [**SEND**].

To answer a call

1. Press [**SEND**]. If your phone is set to “Slide open” for “Call answer options”, simply open the phone to answer a call. If your phone is set to “Slide open+talk key” for “Call answer options”, simply open the phone or press [**SEND**] to answer a call. If your phone is set to “Slide open+any key” for “Call answer options”, simply open the phone or press any key to answer a call. For information on how to set your Call Options, see page 19.

To end a call

1. Press [**END**].

Once the call is completed, a call summary appears.

To reject a call

1. Press [**END**] twice or *Ignore*.

To make a call using call list

Your phone logs up to 270 outgoing, received and missed call numbers.

1. In standby mode, press [**SEND**] to display the *All Calls* list.

2. Select a number.
3. Press [**SEND**] to dial the selected number.

Note:

- To redial the last number in the *All Calls* list, press [**SEND**] twice.
- After 270 received, outgoing or missed calls, the oldest call will automatically be erased from the history.

To make a call using contacts

1. In standby mode, press *Contacts* to access the *Contacts* list. Select the desired phone number then press [**SEND**].

To adjust the call volume

1. During a call, press *Side volume* key up or down to adjust the earpiece volume.

To insert a Time/Hard Pause feature



Pauses are used for automated systems (i.e., Voicemail, calling cards). Insert a pause after a phone number then enter another group of numbers. The second set of numbers is dialed automatically after the pause. This feature is useful for dialing into systems that require a code.

1. Enter a phone number and then press *Options*. Select either *Hard pause (“P”)* or *Time pause (“T”)*.
2. Press [**SEND**] to dial, or press *Save* to save the number.

To switch between two calls

1. Press [**SEND**].

To reply to a missed call

1. Press *Now* to display the list of missed calls.
2. Select a number to call by using the navigation key to scroll [] or [].
3. Press [**SEND**].

To answer a second call

1. Press [**SEND**]. The first call is automatically put on hold.
2. Press [**END**] to end the second call.

The call on hold is automatically reconnected.

■ ADJUSTING MASTER VOLUME

To adjust the master volume:

1. In standby mode, press *Side volume* key up or down.
2. Select *Silence All*, *Vibrate*, *Level 1 ~ Level 5* or *Level 5 + Vibrate > Select*.

■ CALLER ID

Identifies caller by displaying their phone number. If the caller's name and number are already stored in your contact list, their name will appear. The caller ID is stored in the *Recent Calls* Menu.



■ CALL WAITING FUNCTION

Notifies you of a received call when you are already on a call by sounding a beep tone and displaying the caller's phone number.


To answer another call while on the phone, press [**SEND**]. This places the first call on hold. To switch back to the first caller, press [**SEND**] again.

■ SPEAKERPHONE

The speakerphone feature lets you hear audio through the speaker and talk without holding the phone.

To activate the speakerphone in idle mode, press []. To activate the speakerphone while on a call, press [] first.

■ VIBRATE MODE ON/OFF

In standby mode, press and hold [] to turn Vibrate mode On/Off. In Vibrate Mode, all phone sounds are turned off and the phone will vibrate to notify you of an incoming call or message.

■ USING AUTO KEYPAD LOCK FUNCTION

When the slide is closed, the touch keypad and Navigation Key are automatically locked. If you want to use the touch keypad and Navigation Key, press and hold any side keys, then press and hold *OK*.

■ MAKING AN EMERGENCY CALL

The 911 feature automatically places the phone in Emergency Call Mode when you dial the preprogrammed emergency number, 911.

To make a 911 call in Lock Mode

1. Enter “911” and then press [**SEND**].

2. The phone will remain in Emergency Mode until you press *Exit*.

To make a 911 call using any available system

1. Enter "911" and then press [**SEND**].
2. The phone will stay in Emergency Mode until you press *Exit*. While the phone is in Emergency Mode, the phone can receive a call from any available system and you can make outgoing calls.

■ OPTIONS DURING A CALL

Note:

While on a call, long press the OK Key to unlock the keypad.

Microphone off and on

To switch your phone's microphone off

1. Press *Mute*.

To switch your phone's microphone back on

1. Press *Unmute*.

To talk on speaker

1. Press *Speaker*.

To put a call on hold

To put a call on hold

1. Press [**SEND**].

To return to the call on hold

1. Press [**SEND**] again.

To save a number in the Contacts list during a call

1. Press *Options > Save*.



To search for a number in the Contacts list during a call

1. Press *Options > Contacts > Contact List*.

To search for a name or group in the Contacts list

Enter the first letters of the name for the Name Search. The entries are displayed starting with the first entry matching the letters you entered.

To find a name manually in the Contacts list

1. Scroll using the navigation key [] or [].

To view the details of a highlighted entry in the Contacts list

1. Press *OK*.

For more information on Contacts, see page 20.

To search for a number in Recent Calls during a call

1. Press *Options > Recent Calls*.

To read a message during a call

1. Press *Options > Messaging > Inbox > select a message*.

To write a text message during a call

1. Press *Options > Messaging > Send text Msg*.

For more information on creating a message, see page 26.

Note:

During the call, you can only send text messages. Multimedia messages cannot be sent or saved.

■ CALL SETTING


To set call reminder

1. In standby mode, press *Menu > Tools & Settings > Call options > Call reminder*.
2. Select *Every 2 min, Every 10 min or Off > Select*.

To answer a call by pressing any key

1. In standby mode, press *Menu > Tools & Settings > Call options > Call answer*.
2. Select *Slide open, Slide open + talk key or Slide open + any key > Select*.

Note:

You can answer with any key except [ **END**] and *Ignore*.

To set the phone to Auto answer

1. In standby mode, press *Menu > Tools & Settings > Call options > Auto answer*.

2. Select *5 seconds, 10 seconds, 20 seconds or Off > Select*.

To set the phone to Keyguard

1. In standby mode, press *Menu > Tools & Settings > Call options > Keyguard*.
2. Select *On or Off > Select*.

■ CHECKING ALL CALLS

You can view information about all Recent Calls. For more options for all, missed, received and outgoing calls press *Options*. Press Down Nav key for call history.

To view All calls

1. In standby mode, press [**SEND**] > *All Calls*.
2. Select a call entry and press *OK* to view the details.

To view Missed calls

1. In standby mode, press [**SEND**] > *Missed Calls*.
2. Select the missed call entry and press *OK* to view the details.

To view Received calls

1. In standby mode, press [**SEND**] > *Received Calls*.
2. Select the received call entry and press *OK* to view the details.

To view Outgoing calls

1. In standby mode, press [SEND] > *Outgoing Calls*.
2. Select the dialed call entry and press *OK* to view the details.

To send a message from the Recent Calls list

1. Select the call then press *Options*.
2. Select *Send text msg*, *Send picture msg* or *Send video msg*.
3. Write the message > *Send*.

To delete a Call log

1. Select the call then press *Options*.
2. Select *Erase* > *Yes*.

Note:

If no logs exist, the message "All calls empty" appears.

■ USING CONTACTS

You can save names, phone numbers, and up to 500 contacts in the phone.

To view the Contacts list

1. In standby mode, press *Contacts*.

To search for a phone number

1. In standby mode, press *Menu* > *Contacts* > *Find name*.
2. Input a name, or select a name from the list.

3. Press *OK* to view the details.

To make a call from the Contacts list

1. In standby mode, press *Menu* > *Contacts* > *Find name*.
2. Select a contact > [SEND].

To send information from the Contacts list

1. In standby mode, press *Menu* > *Contacts* > *Find name*.
2. Select a contact > *Send msg*.
3. You can send the information via *Send text msg*, *Send picture msg* or *Send video msg*.
4. Write the message > *Send*.

To delete a contact

1. In standby mode, press *Menu* > *Contacts* > *Find name*.
2. Select a contact > *Options* > *Erase* > *Yes*.

To add a contact

1. In standby mode, press *Menu* > *Contacts* > *Add new*.
2. Enter the appropriate information in each field.
3. To save a new contact > *Save*.

To make groups

1. In standby mode, press *Menu* > *Contacts* > *Groups*.

2. Select an empty entry > *Edit*.

3. Enter the appropriate information in each field.
4. To save a groups option > *Save*.

To send a group message

1. In standby mode, press *Menu* > *Contacts* > *Groups*.
2. Select an existing group and press *Options* > *Send text msg*, *Send picture msg* or *Send video msg* > Press *OK*.
3. Write the message > *Send*.

To add a member to a group

1. In standby mode, press *Menu* > *Contacts* > *Groups*.
2. Select an existing group and press *Options* > *Add member*.
3. Select the entry you wish to add > *Select*.

To erase a group

1. In standby mode, press *Menu* > *Contacts* > *Groups*.
2. Select a user customizable group and press *Options* > *Erase* > *OK* > *Yes*.

■ SPEED DIALING

You can dial quickly using speed dialing. Up to nine speed dial entries can be saved.

To set speed dial

1. In standby mode, press *Menu* > *Contacts* > *Speed dial*.
2. Select an empty entry > *Assign*.
3. Select a person > Select phone number > *Done*.

To update speed dial entry

1. Select a number > *Reassign* > *Yes*.
2. Select a person > Select phone number > *Done*.

To remove from speed dial

1. Select a number and press *Erase* > *Yes*.

■ VOICE COMMANDS (VR)

Your phone is equipped with a VR (Voice Recognition) feature. This feature allows you to make calls or use the phone's functions by simply using your voice. All you have to do is talk into the phone, and the phone will recognize your voice and complete tasks by itself.

To use VR (Voice Recognition)

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Voice commands*. Or, in standby mode, press the *Side VR Key* located on the upper left side of the phone.
2. The phone displays the Command menu and prompts you to say the name of the command you want to use. To complete your task, simply follow the voice prompts. You can say the name of the command after you hear a beep.

Call <Name or #>

Use the Call command to voice dial a name from your contact list or a phone number. When dialing a number, pronounce each digit, but do not pause noticeably between the digits.

1. If calling a contact from your list, say *Call <Name>*. Your phone will ask you to confirm the name you said. Say "Yes" if it was repeated correctly. That phone number will be dialed. If there is more than one number saved for that contact, you will be asked to confirm which number to dial.
(Examples: - Call Tom Smith,
- Call 617 555-1212,
- Call Bob Carson's mobile,
- Call Dee Harper at Home.)

Send text <Name or #>

Use the Send command to send a text message to a specified name or number.

1. Say *Send Text <Name>*.
(Examples: - Send Text Tom Smith)

Follow instructions for sending a new message on page 26.

Send picture <Name or #>

Use the Send command to send a picture message to a specified name or number.

1. Say *Send Picture <Name>*.
(Examples: - Send Picture Tom Smith)

Follow instructions for sending a new message on page 26.

Send video <Name or #>

Use the Send command to send a video message to a specified name or number.

1. Say *Send video <Name>*.
(Examples: - Send video Tom Smith)

Follow instructions for sending a new message on page 27.

Lookup <Name>

Use the Lookup command to retrieve and display information for any name stored in your contact list.

1. Say *Lookup <Name>*.
(Examples: - Lookup Tom Jones)
2. The View Contact page will be displayed for that contact name.

Go to <Menu>

Use the Go To command to open an application on your phone. You can say "Go To" by itself and be prompted to say the application name, or you can skip the prompt by saying "Go To" followed by the application name.

1. Say *Go To* followed immediately by one of the items: (Messaging, Contacts, Media Player, My account, VirginXL, My stuff, Pictures&Videos, Surf the Web, Tools&Settings)

Check <Item>

The Check command lets you check status information for your phone. You can say "Check" or "Check Status" to see and hear all status information.

1. Say *Check* followed immediately by one of the items: (Status, Voicemail, Messages, Time, Signal Strength, Network, Battery, My Phone Number, Volume)

Tutorial

1. For more information on using Voice Recognition (VR), press *Tutorial*.

To set VR settings

To set VR confirmation

1. Press *Settings > Confirmation*.
2. You can control when the system asks you to confirm a name or number.
3. Select *Automatic, Always Confirm or Never Confirm > OK*.

To set VR adaptation

1. Press *Settings > Adaptation > Adapt Voice*.
2. You can adapt the system to your voice for optimal recognition accuracy. During adaptation, the system will prompt you to speak a series of short phrases. If you need to erase adaptation data and set the system back to the factory default, select *Reset Voice*.
3. Press *Start* to begin.

To set VR modes

1. Press *Settings > Modes*.
2. You can control the level of audio guidance provided by the system. In prompt mode (the default), the system prompts for required information. In readout mode, the system prompts for required information and reads out the contents of the screen. In expert mode, audio guidance is provided by beeps only.
3. Select *Expert Mode, Prompt Mode or Readout Mode > OK*.

To set VR speakerphone

1. Press *Settings > Speakerphone*.
2. You can control how the system uses the speakerphone. Select *Always on* to have outgoing audio play through the speakerphone. Select *Always off* to have outgoing audio play through the internal speaker. Select *Automatic* to use the speakerphone setting of the phone.
3. Select *Automatic, Always On or Always Off > OK*.

To view VR about

1. Press *Settings > About*.
2. The *Voice Signal* or *VSuite version* appears.

■ USING YOUR HEADSET

To send or receive a call using your headset, connect the headset to the jack located on the upper left side of your phone. Once connected, the button on the headset controls the following:

While in standby mode

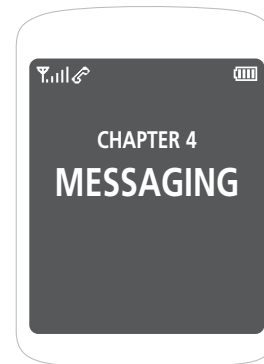
1. Press the button once to list recent calls.
2. Press the button twice to redial the last call.

While the phone is closed

1. Press the button once to answer a call.
2. Press the button once to end the call.

Note:

Headset sold separately.



Messaging
 Create and send a new text message
 Create and send a new picture message
 Create and send a new video message
 Reading a message
 Voicemail
 Sent message
 Message templates
 Create and send new email message
 Create and send new instant message
 Virgin Alerts
 Message settings
 Erase messages

■ MESSAGING

The messaging feature is an integrated messaging application that lets you send and receive Text, Picture, Video, Email, and Instant Messaging (IM) messages.

To delete a message

1. Select a message > *Options* > *Erase* > *Yes*.

To reply to a message

1. Select a message > *Select* > *View* > *Reply*.

■ CREATE AND SEND A NEW TEXT MESSAGE

To send new text message

1. In standby mode, press *Menu* > *Messaging* > *Send text msg*.
2. Enter phone number or press *Options* > *Contacts*.
3. Find the recipient and check the box by selecting *Select* > *Done* > *Done*.
4. Write the message > *Send*.
5. To view sent messages, press *Menu* > *Messaging* > *Sent*.

Note:

All successfully sent or failed messages will be saved in the *Sent* folder.

To view all sent messages

1. In standby mode, press *Menu* > *Messaging* > *Sent*.

■ CREATE AND SEND A NEW PICTURE MESSAGE

You can add picture and sound file to picture message. If message exceeds 512Kb an error message will pop up.

To send new picture message

1. In standby mode, press *Menu* > *Messaging* > *Send picture msg*.
2. Enter phone number or press *Options* > *Contacts*.
3. Find the recipient and check the box by selecting *Select* > *Done* > *Done*.
4. Write the *Subject* > *Text* > *Image* > *Audio* > *Send*.
5. To view sent messages, press *Menu* > *Messaging* > *Sent*.

Note:

All successfully sent or failed messages will be saved in the *Sent* folder.

To add a saved picture in the message

1. When composing a message, press the Navigation Key down to select the *Image* window.
2. Press *Pictures*.
3. Select a saved image > *Select*.

To add a new picture to a message

1. When composing a message, press the Navigation Key down to select the *Image* window.
2. Press *Pictures* > *Camera*.
3. Take the picture > Select a taken picture > *Select*.

To add a saved sound to the message

1. When composing a message, press the Navigation Key down to select the *Audio* window.
2. Press *Audio*.
3. Select a saved sound > *Select*.

To add a new sound to the message

1. When composing a message, press the Navigation Key down to select the *Audio* window.
2. Press *Audio* > *Record*.
3. Record the sound > *Save*.
4. Choose a recorded sound > *Select*.

■ CREATE AND SEND A NEW VIDEO MESSAGE

To send a new video message

1. In standby mode, press *Menu* > *Messaging* > *Send video msg*.

2. Enter phone number or press *Options* > *Contacts*.
3. Find the recipient and check the box by selecting *Select* > *Done* > *Done*.
4. Write the *Subject* > *Text* > *Video* > *Send*.
5. To view sent messages, press *Menu* > *Messaging* > *Sent*.

Note:

All successfully sent or failed messages will be saved in the *Sent* folder.

To add a saved video in the message

1. When composing a message, press the Navigation Key down to select the *Video* window.
2. Press *Videos*.
3. Select a saved video > *Select*.

To add a new video to a message

1. When composing a message, press the Navigation Key down to select the *Video* window.
2. Press *Videos* > *Camera*.
3. Record a video clip > *Stop* > *Save*.
4. Choose a recorded video > *Select*.

■ READING A MESSAGE

To read new messages

1. Press *View*.

To read message using the Inbox

1. In standby mode, press *Menu* > *Messaging* > *Inbox*.
2. Select a message > *View*.

To save new numbers from a received message

1. In standby mode, press *Menu* > *Messaging* > *Inbox*.
2. Select a message > *View* > *Options* > *Save Contact*.
3. Select *New entry* or *Existing entry*.
4. Edit contacts list > *Save*.

To launch a URL address that appears in a received message

1. Open the message that contains the URL address.
2. Press *Options* > *Launch URL*.
3. Select the URL address in the message.

To save an object that appears in a received multimedia message

1. Open the multimedia message.
2. Select the object > *Options* > *Save attached*.

Note:

If you save an image, it will be saved in one of the categories in the *My Stuff* folder. If a sound file is saved, it will be saved in the *Voice Memo* folder.

For *My Stuff*, see page 37.

To listen to voice messages

1. In standby mode, press *Menu* > *Messaging* > *Voicemail*.

It will automatically call the voicemail center.

■ VOICEMAIL

Whenever you receive new voicemail, an alert will pop up on your phone's screen.

To set up your voicemail

Before your phone can receive voicemail messages, you must set up a 4-10 digit passcode and record a personal voicemail greeting. When you have set up your voicemail, all unanswered calls to your phone are automatically transferred to voicemail, even if your phone is in use or turned off.

1. In standby mode, press *Menu* > *Messaging* > *Voicemail* or press and hold [1].
2. Follow the system prompts to setup your password and record a greeting.

To access your voicemail box

1. In standby mode, press *Menu* > *Messaging* > *Voicemail* or press and hold [1].
2. Follow the system prompts to enter your password and retrieve your messages.

■ SENT MESSAGE

To edit a message in the sent folder

1. In standby mode, press *Menu* > *Messaging* > *Sent*.
2. Select a sent message > *View* > *Options* > *Edit*.
3. To send the edited message. > *Send*.

Note:

This option is only available for pending or failed messages in your sent folder. You cannot edit messages that have successfully been sent.

To call a number in a sent message

1. In standby mode, press *Menu* > *Messaging* > *Sent*.
2. Select a sent message > *View* > *Options* > *Call* or [SEND].

To forward message to another recipient

1. In standby mode, press *Menu* > *Messaging* > *Sent*.
2. Select a sent message > *View* > *Options* > *Forward*.
3. Enter phone number > *Done* > *Send*.

To save sent message

1. In standby mode, press *Menu* > *Messaging* > *Sent*.
2. Select a sent message > *View* > *Options* > *Save msg*.

Note:

It will be saved in *Saved* folder.

To save new numbers from sent message

1. In standby mode, press *Menu* > *Messaging* > *Sent*.
2. Select a sent message > *View* > *Options* > *Save Contact*.
3. Select *New entry* or *Existing entry*.
4. Edit contacts list > *Save*.

■ MESSAGE TEMPLATES

If you often use the same words or phrases in your text messages, save them as a template to save time.

To save the message as a template

1. In standby mode, press *Menu* > *Messaging* > *Msg settings* > *Auto text* > *Options* > *New*.
2. Write a message > *Save*.

To edit the saved template message

1. In standby mode, press *Menu* > *Messaging* > *Msg settings* > *Auto text*.
2. Select the message.
3. Press *Options* > *Edit*.
4. Edit a message > *Save*.

■ CREATE AND SEND NEW EMAIL MESSAGE

You can send and receive email messages from your phone. Check Virgin Mobile's web site at www.virginmobileusa.com for availability and pricing.

To launch mobile email

1. In standby mode, press *Menu* > *My Stuff* > *My other stuff* > *Mobile Email*. Or, in standby mode, press *Menu* > *Messaging* > *Send email msg*.

■ CREATE AND SEND NEW INSTANT MESSAGE

You can send and receive instant messages (IMs) from your phone. Check Virgin Mobile's Web site at www.virginmobileusa.com for availability and pricing.

To launch instant messaging

1. In standby mode, press *Menu* > *My Stuff* > *My other stuff* > *IM*. Or, in standby mode, press *Menu* > *Messaging* > *Send IM*.

■ VIRGIN ALERTS

To review the Virgin Alerts you've received

1. In standby mode, press *Menu* > *Messaging* > *Virgin Alerts* > *View*.

■ MESSAGE SETTINGS

Customize your messages by adjusting the Message Settings.

To set Message Tones

1. In standby mode, press *Menu* > *Messaging* > *Msg settings* > *Msg tones*.
2. Select *My ringtones* or *Vibrate mode*.
 - **My ringtones:** Select desired ringtone > *Assign*. Select *All alerts*, *Message alerts* or *Voicemail* > *Select*.

Note:

To play ringtone, press *Play*.

- **Vibrate mode:** Choose *On* or *Off* > *Select*.

To set Reminder Message

1. In standby mode, press *Menu* > *Messaging* > *Msg settings* > *Reminder*.
2. Select *On* or *Off* > *Select*.

To set Text Entry Mode

1. In standby mode, press *Menu* > *Messaging* > *Msg settings* > *Text entry*.
2. Select *T9Abc*, *Abc*, *ABC* or *123* > *Select*.

To create and edit the template message

1. In standby mode, press *Menu* > *Messaging* > *Msg settings* > *Auto text*.

Follow instructions for message templates on page 29.

To set Save to Sent message

1. In standby mode, press *Menu* > *Messaging* > *Msg settings* > *Save to sent*.
2. Select *Auto*, *Off* or *User confirmation* > *Select*.

To create a signature for messages

1. In standby mode, press *Menu* > *Messaging* > *Msg settings* > *Signature*.
2. Check *Use signature* > Enter your signature in the text field > *Done*.

To create and edit the contacts group

1. In standby mode, press *Menu* > *Messaging* > *Msg settings* > *Group*.
2. For instructions on how to create a group, see page 20.

To set Auto Erase

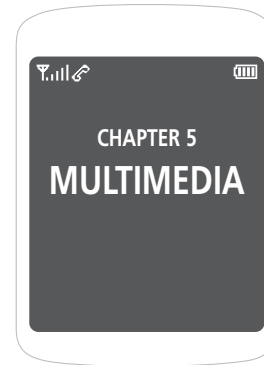
1. In standby mode, press *Menu* > *Messaging* > *Msg settings* > *Auto erase*.
2. Select *Yes* or *No* > *Select*.

■ ERASE MESSAGES

Erase old messages to free up memory in your phone.

To erase all messages in each folder

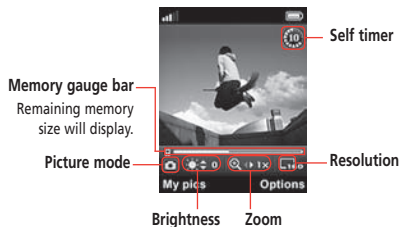
1. In standby mode, press *Menu* > *Messaging* > *Erase msgs*.
2. Select *Inbox*, *Saved*, *Sent* or *All* > *Yes*.



- Camera
- Video camera
- Pictures and image album
- Video album
- Music and sound album
- Themes album
- Other files
- Playing a game
- Media player

CAMERA

You can take pictures using the built-in camera. The photos can be saved and sent using multimedia messages.



To adjust the camera settings

1. In standby mode, press *Menu* > *Pictures & Videos* > *Take a picture*.
2. Press *Options* before you take a picture.

Icons for camera

Icon	Menu	Options
	Resolution	Display photo resolution 1280x960, 1024x768, 640x480, 320x240, 176x144, 160x120
	Zoom	1x, 2x, 4x, 8x
	Brightness	+2, +1 0 -1, -2

Settings for camera

Menu	Sub Menu	Options
Take video		To switch video mode.
Self timer		Off, 5 seconds, 10 seconds, 15 seconds
Fun frames		Normal, I love you, Clown, Mona Lisa, I miss you, Punch, Happy bus, Frame, Happy birthday, Monkey, Rabbit
Image controls	White balance	Auto, Sunny, Cloudy, Tungsten, Fluorescent
	Color effect	Normal, Gray, Sepia, Negative
Settings	Resolution	1280x960, 1024x768, 640x480, 320x240, 176x144, 160x120
	Quality	High, Medium, Low
	Shutter sound	Default, Say "Cheese", Ready! 123

To increase or decrease the brightness

1. Scroll using the Navigation Keys [] or [].

To zoom in and out

1. Scroll using the Navigation Keys [] or [].

To take a picture

1. In standby mode, press *Menu* > *Pictures & Videos* > *Take a picture*.
2. Focus on the object > *OK*.

Note:

Your picture will be saved automatically to *My Stuff* > *My graphics* > *My pictures* or *Menu* > *Pictures & Videos* > *My pictures*.

To view pictures you've taken

1. In standby mode, press *Menu* > *Pictures & Videos* > *My pictures*.
2. Select the picture > *View*.
3. To view more options > *Options*.

My pictures option

Functions	Process
To send picture message	<i>Options</i> > <i>Send</i>
To set a photo for a specific contact	<i>Options</i> > <i>Assign</i> > <i>Caller ID</i>
To set a photo as standby screen	<i>Options</i> > <i>Assign</i> > <i>Wallpaper</i>
To set a photo as screensaver	<i>Options</i> > <i>Assign</i> > <i>Screensaver</i>
To upload photo to a web site	<i>Options</i> > <i>Upload to My Pix</i>
To move the picture to the microSD card	<i>Options</i> > <i>Move to card</i>

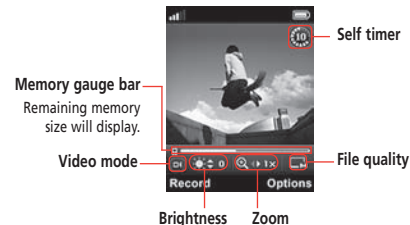
To delete the picture	<i>Options</i> > <i>Erase</i>
To take a new picture	<i>Options</i> > <i>Take pic</i>
To rename the picture	<i>Options</i> > <i>Rename</i>
To lock/unlock the picture	<i>Options</i> > <i>Lock/Unlock</i>
To view the information	<i>Options</i> > <i>File info</i>
To delete all pictures	<i>Options</i> > <i>Erase all</i>

To send pictures using multimedia message

1. In standby mode, press *Menu* > *Pictures & Videos* > *Send picture msg*.
2. Write the message > *Send*.

VIDEO CAMERA

You can record videos using built-in camera. The videos can be saved and sent using multimedia message.



To set video camera settings

1. In standby mode, press *Menu* > *Pictures & Videos* > *Take a video*.
2. Press *Options* before you take a video.

Icons for video

Icon	Menu	Options
	Resolution	Display video resolution 176x144
	Zoom	1x, 2x, 4x, 8x
	Brightness	+2, +1 0 -1, -2

Settings for video

Menu	Sub Menu	Options
Take pic		To switch camera mode.
Self timer		Off, 5 seconds, 10 seconds, 15 seconds
Image controls	White balance	Auto, Sunny, Cloudy, Tungsten, Fluorescent
	Color effect	Normal, Gray, Sepia, Negative
Settings	Quality	High, Medium, Low
	Cue sound	Default, "Action" / "Cut", "Ready" / "Stop"
	Mute/Unmute	To set mute On/Off

To increase or decrease the brightness

1. Scroll using the Navigation Keys [] or [].

To zoom in and out

1. Scroll using the Navigation Keys [] or [].

To take a video

1. In standby mode, press *Menu* > *Pictures & Videos* > *Take a video*.
2. Focus on the object > *Record*.

Note:

Your video will be saved automatically to *My Stuff* > *My videos* > *All videos* or *Menu* > *Pictures & Videos* > *My videos*.

To view the recorded video

1. In standby mode, press *Menu* > *Pictures & Videos* > *My videos*.
2. Select the video clip > *Play*.
3. To view more options > *Options*.

My videos option

Functions	Process
To send video message	<i>Options</i> > <i>Send</i>
To delete the video clip	<i>Options</i> > <i>Erase</i>
To set the video standby screen	<i>Options</i> > <i>Assign</i> > <i>Wallpaper</i>

To set the video screensaver	<i>Options</i> > <i>Assign</i> > <i>Screensaver</i>
To move the video clip to the microSD card	<i>Options</i> > <i>Move to card</i>
To record a new video clip	<i>Options</i> > <i>Take video</i>
To rename the video clip	<i>Options</i> > <i>Rename</i>
To lock/unlock the video clip	<i>Options</i> > <i>Lock/Unlock</i>
To view the information	<i>Options</i> > <i>File info</i>
To delete all video clips	<i>Options</i> > <i>Erase all</i>

To send videos using multimedia message

1. In standby mode, press *Menu* > *Pictures & Videos* > *Send video msg*.
2. Write the message > *Send*.

PICTURES AND IMAGE ALBUM

You can view, assign or delete the saved pictures or move them to external memory or to phone. The supported formats are JPEG, GIF, BMP and PNG.

To view the downloaded or saved image and pictures

1. In standby mode, press *Menu* > *My Stuff* > *My graphics* > *My pictures*.
2. Select the picture > *View*.

To set as wallpaper in the display

1. In standby mode, press *Menu* > *My Stuff* > *My graphics* > *Wallpapers*.
2. Select a picture > *Assign*.
3. Choose *Wallpaper* or *Screensaver* > *Select*.

To set as screensaver in the display

1. In standby mode, press *Menu* > *My Stuff* > *My graphics* > *Screensavers*.
2. Select a picture > *Assign*.
3. Choose *Wallpaper* or *Screensaver* > *Select*.

VIDEO ALBUM

You can play or delete the saved videos or move them to external memory or to phone.





To play the downloaded or saved video clip

1. In standby mode, press *Menu* > *My Stuff* > *My videos*.
2. Select *All videos* > Select the video > *Play*.

To move videos to external memory

1. In standby mode, press *Menu* > *My Stuff* > *My videos*.
2. Select *All videos* > Select the video > *Options* > *Move to card* > *Yes*.

Video player function key

Key	Description
Press the navigation key  right	Fast forward
Press the navigation key  down	Play next video clip
Press the navigation key  left	Fast rewind
Press the navigation key  up	Play previous video clip
OK	Play/Pause
Left Option Button	Mute/Unmute
Right Option Button (Options Menu)	Full screen/Repeat
Side Volume Key	Volume Up/Down





■ MUSIC AND SOUND ALBUM

Saved sounds can be played, set, deleted or moved to external memory or the phone. Supported formats MIDI, AAC and MP3.

To listen to the saved music file

1. In standby mode, press *Menu* > *My Stuff* > *My music*.
2. Select *All songs* > Select a music file > *Play*.

Music player function key

Key	Description
Press the navigation key  down	Play next music file
Press the navigation key  right	Fast forward
Press the navigation key  up	Play previous music file
Press the navigation key  left	Fast rewind
OK	Play/Pause
Left Option Button	Mute/Unmute
Right Option Button (Options Menu)	Play all/My music/My video/ Shuffle/Repeat/Hide
Side Volume Key	Volume Up/Down

To create a new playlist

1. In standby mode, press *Menu* > *My Stuff* > *My music* > *Playlists*.
2. Press *Options* > *Create new*.

To add MP3 file to selected playlist

1. In standby mode, press *Menu* > *My Stuff* > *My music* > *Playlists*.
2. Select a saved playlist > *Options* > *Add song*.
3. MP3 file list will be displayed in alphabetical order.

4. Select MP3 file you want to add > *Select* > *OK*.

To delete a saved playlist

1. In standby mode, press *Menu* > *My Stuff* > *My music* > *Playlists*.
2. Select a saved playlist > *Options* > *Erase list*.

To delete a selected MP3 file

1. In standby mode, press *Menu* > *My Stuff* > *My music* > *All songs*.
2. Select MP3 file > *Options* > *Erase*.

To delete all saved MP3 files

1. In standby mode, press *Menu* > *My Stuff* > *My music* > *All songs*.
2. Press *Options* > *Erase all*.

To display information on the selected MP3 file

1. In standby mode, press *Menu* > *My Stuff* > *My music* > *All songs*.
2. Select MP3 file > *Options* > *File info*.

To listen to the recorded sound

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Voice memo*.
2. Select a sound > *OK*.

To set as a ringtone

1. In standby mode, press *Menu* > *My Stuff* > *My ringtones*.
2. Select a sound > *Assign*.
3. Choose *Contact*, *Group*, *All contacts* or *All callers* > *Select*.
 - **Ringtone:** To Set as ringtone.
 - **Txt tone:** Select *All alerts*, *Message alerts* or *Voicemail* > *Select*.

■ THEMES ALBUM

To set as the theme

1. In standby mode, press *Menu* > *My Stuff* > *My themes*.
2. Select *Red*, *Neutral* or *Black* > *Select*.

■ OTHER FILES

To view the list of files

1. In standby mode, press *Menu* > *My Stuff* > *My other stuff*.

■ PLAYING A GAME

Your phone comes preloaded with some demo games.

To play a game

1. In standby mode, press *Menu* > *My Stuff* > *My games*.
2. Select a game > *Play*.

To end the game

1. Press [**END**] > Yes.

To set the game options

To set the game volume

1. In standby mode, press *Menu* > *Tools & Settings* > *Game settings* > *Volume*.
2. Choose *Silence All* or *Level 1 ~ Level 5* > *Select*.

To set the game backlight

1. In standby mode, press *Menu* > *Tools & Settings* > *Game settings* > *Backlight*.
2. Choose *5 seconds*, *10 seconds*, *30 seconds*, *Always on* or *Disable* > *Select*.

■ MEDIA PLAYER

Easy-to-use playback feature with the Media Player allows you to play video clip or music file.

To play music file in the my music folder

1. In standby mode, press *Menu* > *Media Player* > *My music*.
2. Choose *Play all* or *All songs* > *Select*.

For music and sound album, see page 38.

Note:

To load music onto your phone, you need a PC, Memory Card Reader and MicroSD memory card (not included). In order for the media player to find and play your music files, they must either be in the main root direc-

tory, or in the *my_music* folder that is created by inserting the card and running the media player. This will not delete any of your existing data. If you transfer songs to your memory card from a Mac, they may not play correctly on your phone.

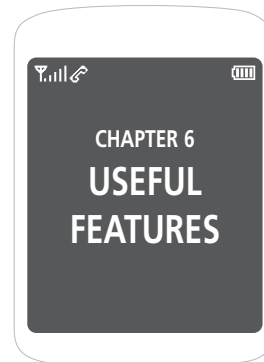
To play video clip in my videos folder

1. In standby mode, press *Menu* > *Media Player* > *My videos*.
2. Choose *Play all* or *All videos* > *Select*.

For video album, see page 37.

To set the play mode

1. In standby mode, press *Menu* > *Media Player* > *Settings*.
2. Choose *Repeat All*, *Shuffle* or *Auto off* > *Select*.



Calendar
Alarm clock
Tip calculator, Calculator, World clock & Stopwatch
Voice commands
Voice memo

■ CALENDAR

Calendar helps you manage your schedule. Enter events in the calendar and set a reminder using the alarm function.





To view calendar

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Calendar*.

Note:

Monthly view is displayed as the default.

In the monthly view

To	Press
Move to another day	[] for Previous day [] for Next day
Move to another week	[] for Previous week [] for Next week

To create a new event

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Calendar*.
2. Select a day > *New*.
3. On the *New Schedule* screen, enter information into the appropriate fields. > *Save*.

To edit an event

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Calendar*.
2. Select a saved event > *Edit*.

3. On the *Edit Schedule* screen, enter information into the appropriate fields. > *Save*.

To erase a saved event

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Calendar*.
2. Select a saved event > *Erase* > *Yes*.

■ ALARM CLOCK

To set an alarm

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Alarm clock*.
2. Select Alarm 1, Alarm 2 or Alarm 3. > *Select*.
3. Enter information into the appropriate fields. > *Save*.

To view saved alarms

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Alarm clock*.

To edit existing alarms

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Alarm clock*.
2. Select an existing alarm > *Select* > *Edit an alarm* > *Save*.

■ TIP CALCULATOR, CALCULATOR, WORLD CLOCK & STOPWATCH





To use tip calculator



The Tip Calculator helps you calculate how much tip to include with a bill.

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Tip calculator*.
2. Enter the amount of your bill and move the next field *Tip*.
3. Enter the percentage amount to tip and move the next field *Split*.
4. Enter the amount of split number. The new bill amount is shown.





To use the calculator

Use the Calculator for basic mathematical equations.

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Calculator*.
2. Enter the first number then press [](÷), [](x), [](+) or [](-).
3. Enter the second number then press *OK* to calculate.

Press [] to enter a decimal point and [] to change the number from positive or negative.

To use world clock

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *World clock*.
2. Press [] / [] / [] / [] to select different cities.
3. To set daylight saving, press *DST*.
4. Complete the appropriate fields. > *Save*.

To use the stopwatch

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Stopwatch*.
2. Press *Start* to start the stopwatch.
3. Press *Cont* to save Lap time and start counting another. Up to eight laps can be timed.
4. Press *Stop* to stop the stopwatch.
5. Press *View* to display the recorded lap time.
6. Press *Reset* to reset the stopwatch.

■ VOICE COMMANDS

In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Voice commands*.

Follow instructions for Voice Commands (VR) on page 21.

■ VOICE MEMO

To record a voice memo

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Voice memo* > *New*.
2. To stop recording and save the voice memo > *Save*.

To listen to a saved voice memo

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Voice memo*.
2. Select the voice memo > *OK*.

To send a voice memo using multimedia message

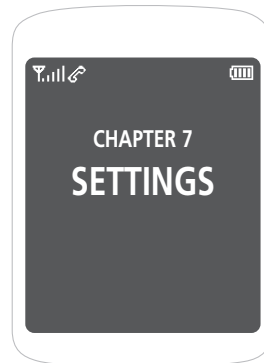
1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Voice memo*.
2. Select a voice memo > *Options* > *Send message*.
3. Write the message > *Send*.

To rename a saved voice memo

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Voice memo*.
2. Select a voice memo > *Options* > *Rename*.
3. Edit name > *Save*.

To erase a saved voice memo

1. In standby mode, press *Menu* > *Tools & Settings* > *Tools* > *Voice memo*.
2. Select a voice memo > *Options* > *Erase* > *Yes*.



Change the display
 Ringtones, Alerts & Tones
 Call options
 Security
 Msg settings
 Game settings
 Bluetooth
 Memory
 To set other options
 Phone info

■ CHANGE THE DISPLAY

To set the graphics

To set the wallpaper

1. In standby mode, press *Menu* > *Tools & Settings* > *Display* > *Graphics* > *Wallpapers*.
2. Select *Picture* or *Video*.
3. Select the wallpaper image or video clip > *Select*.

To set the screensaver timeout

1. In standby mode, press *Menu* > *Tools & Settings* > *Display* > *Graphics* > *Screensavers* > *Timeout setting*.
2. Select *5 seconds*, *10 seconds*, *20 seconds*, *30 seconds* or *Off* > *Select*.

To set the screensaver image

1. In standby mode, press *Menu* > *Tools & Settings* > *Display* > *Graphics* > *Screensavers* > *Screensaver*.
2. Select your screensaver image. > *Select*.

Note:

To preview image, press *OK*.

To set the clock format

1. In standby mode, press *Menu* > *Tools & Settings* > *Display* > *Graphics* > *Clock format*.
2. Select *Digital*, *Analog*, *Digital+Analog* or *Off* > *Select*.

To set the caller ID

1. In standby mode, press *Menu* > *Tools & Settings* > *Display* > *Graphics* > *Caller ID*.
2. Select *VMU default* > *Select*.

To change the menu style

1. In standby mode, press *Menu* > *Tools & Settings* > *Display* > *Menu style*.
2. Select *Graphic type* or *List type* > *Select*.

To enter a greeting message

1. In standby mode, press *Menu* > *Tools & Settings* > *Display* > *Greeting banner*.
2. Edit the greeting banner message, then press the *Navigation Key* down, to select the *Font* color, then press the *Navigation Key* down, to select the *Outline* color > *Save*.

To set the contrast display

1. In standby mode, press *Menu* > *Tools & Settings* > *Display* > *Contrast*.
2. Select *Highest*, *High*, *Medium*, *Low* or *Lowest* > *Select*.

To set time for backlight

1. In standby mode, press *Menu* > *Tools & Settings* > *Display* > *Backlight*.
2. Select *LCD* or *Keypad* > *5 seconds*, *10 seconds*, *30 seconds*, *Always on* or *Disable*. > *Select*.

To set the background image

1. In standby mode, press *Menu* > *Tools & Settings* > *Display* > *Themes*.
2. Select *Red*, *Neutral* or *Black* > *Select*.

■ RINGTONES, ALERTS & TONES

To set call ringtones

1. In standby mode, press *Menu* > *Tools & Settings* > *Sounds* > *My ringtones*.
2. Select a ringtone > *Assign*.

Note:

To play/stop sound, press *Play* or *Stop*.

3. Select *Contact*, *Group*, *All contacts* or *All callers* > *Select*.
 - **Ringtone:** To Set as ringtone.
 - **Txt tone:** Select *All alerts*, *Message alerts* or *Voicemail* > *Select*.

To set msg tones

1. In standby mode, press *Menu* > *Tools & Settings* > *Sounds* > *Msg tones*.
2. Select *My ringtones* or *Vibrate mode* > *Select*.
 - **My ringtones:** Select the desired *Msg tones* > *Assign*. Select *All alerts*, *Message alerts* or *Voicemail* > *Select*.

Note:

To play/stop sound, press *Play* or *Stop*.

- **Vibrate mode:** Select *On* or *Off* > *Select*.

To set service alerts

1. In standby mode, press *Menu* > *Tools & Settings* > *Sounds* > *Service alerts*.
2. Choose *Minute beep* or *Call connect* > *On* or *Off* > *Select*.

To set the ringer volume

1. In standby mode, press *Menu* > *Tools & Settings* > *Sounds* > *Volume*.
2. Select *Ringer volume*, *Voice call* or *Speakerphone* > *Select*.
 - **Ringer volume:** Select *Silence All*, *Vibrate*, *Level 1 ~ Level 5* or *Level 5 + Vibrate* > *Select*.
 - **Voice call:** Select *Level 1 ~ Level 5* > *Select*.
 - **Speakerphone:** Select *Level 1 ~ Level 5* > *Select*.

To set the power tone on/off

1. In standby mode, press *Menu* > *Tools & Settings* > *Sounds* > *Power tone*.
2. Choose *Power on tone* or *Power off tone* > *On* or *Off* > *Select*.

To set the key tone

1. In standby mode, press *Menu* > *Tools & Settings* > *Sounds* > *Key tone*.
2. Select *Silence All, Level 1 ~ Level 5* > *Select*.

To set the dial sound

1. In standby mode, press *Menu* > *Tools & Settings* > *Sounds* > *Dial sound*.
2. Select *DTMF or Instrument* > *Select*.

To set the slide tone

1. In standby mode, press *Menu* > *Tools & Settings* > *Sounds* > *Slide tone*.
2. Select *On or Off* > *Select*.

■ CALL OPTIONS

In standby mode, press *Menu* > *Tools & Settings* > *Call options*.

For Call Options, see page 19.

■ SECURITY

To access security menus

1. In standby mode, press *Menu* > *Tools & Settings* > *Security*.
2. Enter your password.

Note:

The default lock code will be the last 4 digits of your phone number.

To lock your phone

1. Press *Lock phone*.
2. Select *Lock now, Lock on power on or Unlock* > *Select*.

To change the password

1. Press *Change lock code*.
2. Enter *New code* > Enter again *Confirm code* > *Save*.

To edit special numbers

1. Press *Special numbers*.
2. Select an existing special number. > *Edit* > Edit the special phone number. > *Save*.

To erase special numbers

1. Press *Special numbers*.
2. Select an existing special number. > *Erase* > *Yes*.

To erase all contact lists

1. Press *Erase contacts* > *Yes*.

To erase all downloaded contents

1. Press *Erase downloads* > *Yes*.

To reset your phone

1. Press *Reset phone* > *Yes*.

■ MSG SETTINGS

In standby mode, press *Menu* > *Tools & Settings* > *Msg settings*.

For Msg settings, see page 30.

■ GAME SETTINGS

In standby mode, press *Menu* > *Tools & Settings* > *Game settings*.

For Game settings, see page 40.

■ BLUETOOTH

In standby mode, press *Menu* > *Tools & Settings* > *Bluetooth*.

For Bluetooth, see page 52.

■ MEMORY

Save options

1. In standby mode, press *Menu* > *Tools & Settings* > *Memory* > *Save options*.
2. Select *Pictures* or *Videos* > *Select*.
3. Select *Internal memory* or *External memory* > *Select*.

Internal memory

1. In standby mode, press *Menu* > *Tools & Settings* > *Memory* > *Internal memory*.
2. View the Internal memory information. > *Done*.

External memory

1. In standby mode, press *Menu* > *Tools & Settings* > *Memory* > *External memory*.
2. View the External memory information. > *Done*.

■ TO SET OTHER OPTIONS

Language

1. In standby mode, press *Menu* > *Tools & Settings* > *Others* > *Language*.
2. Select *English* or *Español* > *Select*.

Airplane mode

1. In standby mode, press *Menu* > *Tools & Settings* > *Others* > *Airplane mode*.
2. Select *On* or *Off* > *Select*.

TTY mode

1. In standby mode, press *Menu* > *Tools & Settings* > *Others* > *TTY mode*.
2. Select *Enable TTY* or *Disable TTY* > *Select*.

Location

1. In standby mode, press *Menu* > *Tools & Settings* > *Others* > *Location*.
2. Select *E911 only* or *Location on* > *Select*.

Touch key settings

1. In standby mode, press *Menu* > *Tools & Settings* > *Others* > *Touch key settings*.
2. Select *Touch sensor level* or *Vibration*.
 - **Touch sensor level:** Select *Low*, *Medium Low*, *Medium*, *Medium High*, *High*.
 - **Vibration:** Select *On* or *Off*.
3. Press *Select*.

Media player

1. In standby mode, press *Menu* > *Tools & Settings* > *Others* > *Media player*.
2. Select *Play after call* or *Slide*.
 - **Play after call:** Select *Resume* or *Exit*.
 - **Slide:** Select *Keep play* or *Exit*.
3. Press *Select*.

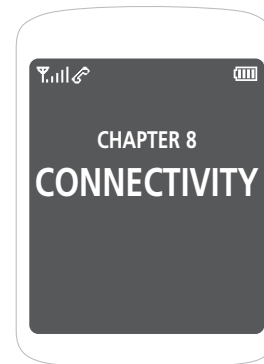
PHONE INFO

To view my phone number

1. In standby mode, press *Menu* > *Tools & Settings* > *Phone info* > *My phone number*.

To view SW version info

1. In standby mode, press *Menu* > *Tools & Settings* > *Phone info* > *Version info*.



Bluetooth
Using the Internet
VirginXL
My stuff

■ BLUETOOTH

Bluetooth® technology connectivity enables wireless connections between electronic devices, like between your phone and a Bluetooth® headset (sold separately). Since devices with Bluetooth® connectivity communicate using radio waves, your phone and the other device do not need to be in direct line-of-sight. The two devices only need to be within 10 meters (30 feet) of each other. The connection can be subject to interference from obstructions such as walls or other electronic devices. If you want more information on this function, visit the Bluetooth® Technology organization Web site: <https://www.bluetooth.org/>. Bluetooth and the Bluetooth logo are trademarks owned by Bluetooth SIG, Inc.

To access the Bluetooth menu

1. In standby mode, press *Menu* > *Tools & Settings* > *Bluetooth*.

To activate Bluetooth

The Power feature allows you to turn the Bluetooth® function on and off.

1. In standby mode, press *Menu* > *Tools & Settings* > *Bluetooth*.
2. Press *On/Off*.

To add a device

Pairing is the process that allows the phone to locate, establish and register 1-to-1 connection with the target device.

1. In standby mode, press *Menu* > *Tools & Settings* > *Bluetooth* > *New device* > *OK*.

Note:

If Bluetooth® is set to off, "Turn Bluetooth power on?" will appear. Press *Yes*.

2. Instructions (Place device you are connecting to in discoverable mode) will be displayed. > *Done*. Highlight the device and press *Pair*.
3. In the case of a Bluetooth® headset or Bluetooth® carkit, your phone will attempt to auto pair with "0000" - 4 zeroes passcode. If that passcode is incorrect, your phone will prompt you for the correct passcode. Consult the Bluetooth® accessory instructions for the appropriate passcode.
4. Enter the passcode and press *OK*.

Note:

The default passcode may differ depending on Bluetooth® devices. Please refer to the user guide of the Bluetooth® device that you wish to use.

5. Once pairing is successful, select *Yes* and press *OK* to connect with the device.
6. Once paired, you will see the device listed in the "New Device" menu.

To turn on Discovery Mode

1. In standby mode, press *Menu* > *Tools & Settings* > *Bluetooth* > *Options* > *Discovery Mode*.
2. Select *On or Off* > *Select*.

To name the phone

1. In standby mode, press *Menu* > *Tools & Settings* > *Bluetooth* > *Options* > *My phone Name*.

To set the supported profiles

1. In standby mode, press *Menu* > *Tools & Settings* > *Bluetooth* > *Options* > *Supported Profiles*.
2. Select *Headset, Handsfree or Stereo* > *Select*.

To remove a device from the paired list

1. In standby mode, press *Menu* > *Tools & Settings* > *Bluetooth* > *Select device* > *Options* > *Remove Device*.

To rename the paired device

1. In standby mode, press *Menu* > *Tools & Settings* > *Bluetooth* > *Select device* > *Options* > *Rename device*.

To search the service discovery about the paired device

1. In standby mode, press *Menu* > *Tools & Settings* > *Bluetooth* > *Select device* > *Options* > *Service discovery*.

To review information about the paired device

1. In standby mode, press *Menu* > *Tools & Settings* > *Bluetooth* > *Select device* > *Options* > *Device info*.

To call using a hands-free headset

1. Press the button once to call the last person.

To answer a call using a hands-free headset

1. Press the button once to answer the call.

■ USING THE INTERNET

To access the Internet

1. In standby mode, press *Menu* > *Surf the Web*.

To go to the homepage

1. In standby mode, press *Menu* > *Surf the Web* > *Options* > *Home*.

To set new bookmarks

1. In standby mode, press *Menu* > *Surf the Web* > *Options* > *Mark this page*.
2. Press *OK*.

To view bookmarks

1. In standby mode, press *Menu > Surf the Web > Options > View Bookmarks*.
2. Select saved Bookmarks by pressing the Navigation Key up or down.

To search web site

1. In standby mode, press *Menu > Surf the Web > Options > Search*.

To send the current page's URL information via text message

1. In standby mode, press *Menu > Surf the Web > Options > Send page... > Select By MMS or By SMS*.

To access the web site directly by entering the address

1. In standby mode, press *Menu > Surf the Web > Options > Go to URL...*
2. Enter the web address > *OK*.

To view visited sites

1. In standby mode, press *Menu > Surf the Web > Options > View History*.
2. Move the cursor up and down > *Select*.

To refresh the current page

1. In standby mode, press *Menu > Surf the Web > Options > Refresh this page*.

To show the URL on the current page

1. In standby mode, press *Menu > Surf the Web > Options > More... > Show URL*.

To restart web browser

1. In standby mode, press *Menu > Surf the Web > Options > More... > Restart Browser*.

To view information about Surf the Web

1. In standby mode, press *Menu > Surf the Web > Options > More... > About*.

To edit home page URL

1. In standby mode, press *Menu > Surf the Web > Options > More... > Home Page > Edit Home Page URL*.

To revert to default home page URL

1. In standby mode, press *Menu > Surf the Web > Options > More... > Home Page > Revert to Default Home Page*.

To clear saved history

1. In standby mode, press *Menu > Surf the Web > Options > More... > Privacy > Clear History*.

To clear cache memory

1. In standby mode, press *Menu > Surf the Web > Options > More... > Privacy > Clear Cache*.

To clear saved cookies

1. In standby mode, press *Menu > Surf the Web > Options > More... > Privacy > Clear Cookies*.

To clear saved IDs and Passwords

1. In standby mode, press *Menu > Surf the Web > Options > More... > Privacy > Clear IDs and Passwords*.

To clear all saved Web memory

1. In standby mode, press *Menu > Surf the Web > Options > More... > Privacy > Clear All*.

To save download objects

1. In standby mode, press *Menu > Surf the Web > Options > More... > Save Item on this page*.

To select preferences settings

1. In standby mode, press *Menu > Surf the Web > Options > More... > Preferences > To set Look & Feel, Security, Certificates and Advanced*.

To exit out of the browser and return to idle mode

1. In standby mode, press *Menu > Surf the Web > Options > Quit*.

■ VirginXL

VirginXL lets you do all kinds of fun stuff on your Virgin Mobile phone. Download the latest games, videos, ringtones, and graphics. Keep in touch with Mobile IM and Email. Access your favorite websites. Connect to social networking sites and chat rooms through Social Scene. Even create, download, and sell your own ringtones and graphics with Studio V. Charges apply. Visit www.virginmobileusa.com for details.

To access VirginXL

1. In standby mode, press *Menu > VirginXL*.

Note:

A scroll bar on the right side of the screen indicates that there is more text. Scroll down to go to the next screen of text. Press the CLR key to move back one screen.

Ending a VirginXL session

1. Press [ END].

■ MY STUFF

To access My Ringtones

1. In standby mode, press *Menu > My Stuff > My ringtones > Get more ringtones > Go.*

To access My Music

1. In standby mode, press *Menu > My Stuff > My music > Select Play all, Playlists or All songs > Select.*

To access My Videos

1. In standby mode, press *Menu > My Stuff > My videos > Select Play all or All videos > Select.*

To access My Graphics

1. In standby mode, press *Menu > My Stuff > My graphics > Get more graphics > Select.*

To access My Games

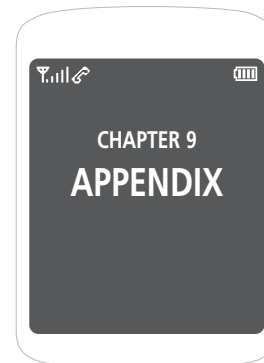
1. In standby mode, press *Menu > My Stuff > My games > Get more games > Go.*

To access My Themes

1. In standby mode, press *Menu > My Stuff > My themes > Select Red, Neutral or Black > Select.*

To download other stuff

1. In standby mode, press *Menu > My Stuff > My other stuff > Get more stuff > Go.*



12 Month limited warranty
 Safety information for wireless handheld phones
 Safety information for FCC RF exposure
 SAR information
 FDA consumer update
 Emergency calls
 Compliance with other FCC regulations
 General safety
 Antenna
 Battery
 Adapter/Charger
 Recycle your cell phone!
 FCC Hearing-Aid Compatibility (HAC) regulations for wireless devices
 U.S.Federal Communications Commission radio frequency interference statement
 FCC compliance information

■ 12 MONTH LIMITED WARRANTY

UTStarcom Personal Communications (the Company) warrants to the original retail purchaser of this UTStarcom handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

- (a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;
- (b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.
- (c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;

(d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;

(e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;

(f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

When sending your wireless device to UTStarcom Personal Communications for repair or service, please note that any personal data or software stored on the device may be inadvertently erased or altered. Therefore, we strongly recommend you make a back up copy of all data and software contained on your device before submitting it for repair or service. This includes all contact lists, downloads (i.e. third-party software applications, ringtones, games and graphics) and any other data added to your device. In addition, if your wireless device utilizes a SIM or Multimedia card, please remove the card before submitting the device and store for later use when your device is returned. UTStarcom Personal Communications is not responsible for and does not guarantee restoration of any third-party software, personal information

or memory data contained in, stored on, or integrated with any wireless device, whether under warranty or not, returned to UTStarcom Personal Communications for repair or service.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company at the address shown below or to the place of purchase for repair or replacement processing. In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario call 416-695-3060).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR

ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER.

THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

IN USA: UTStarcom Personal Communications
555 Wireless Blvd.
Hauppauge, NY 11788
(800) 229-1235

IN CANADA: UTStarcom Canada Company
5535 Eglinton Avenue West
Suite# 234 Toronto, ON M9C 5K5
(800) 465-9672

■ SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read This Information Before Using Your Handheld Portable Cellular Telephone

Driving safety

Talking on the phone while driving is extremely dangerous and is illegal in some states. Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them. If you must use your phone while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation and/or one-touch, speed dialing, and auto answer modes.
- Pull off the road and park before making or answering a call.

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

WARNING!

Failure to follow these instructions could lead to serious personal injury and possible property damage.

Electronic devices

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF

signals from your wireless phone. Therefore, use of your phone must be restricted in certain situations.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Never come closer than six (6) inches to a person with a heart pacemaker implant when using your phone. Doing so could result in interference with the function of the pacemaker.

Persons with pacemakers:

- ALWAYS keep the phone more than six inches from your pacemaker when the phone is turned on.
- Do not carry the phone in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to

discuss alternatives).

Other medical devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Hospitals and health care facilities

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so.

Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Turn your phone OFF where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft.

Always request and obtain prior consent and approval of an authorized airline representative before using your phone aboard an aircraft. Always follow the instructions of the airline representative whenever using your phone aboard an aircraft, to prevent any possible interference with airborne electronic equipment.

Blasting areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted "Turn off two-way radio". Obey all signs and instructions.

Potentially explosive atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle's engine.

■ SAFETY INFORMATION FOR FCC RF EXPOSURE

WARNING! Read this information before using

Precautions

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Body-Worn operation

This device was tested for typical body-worn operations with the back of the phone kept 2.2 cm. from the body with a beltclip that contains metallic components. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories with which this device was tested.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov.

■ SAR INFORMATION

This model phone meets the government's requirements for exposure to radiowaves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it

must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this model phone when tested for use at the ear is 1.26 W/kg PCS Head SAR and when worn on the body, as described in this user guide, is 0.243 W/kg PCS Body SAR. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements).

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oe/fccid> after searching on PP4IM.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site at <http://www.phonefacts.net>.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The

standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

■ FDA CONSUMER UPDATE



U.S. Food and Drug Administration
Cell Phone Facts Consumer
Information on Wireless Phones

1. What kinds of phones are the subject of this update?

The term "wireless phone" refers here to handheld wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

2. Do wireless phones pose a health hazard?

The available scientific evidence does not show

that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radiofrequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the standby mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

3. What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radiofrequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless

phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health. FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:
 - National Institute for Occupational Safety and Health
 - Environmental Protection Agency
 - Federal Communications Commission
 - Occupational Safety and Health Administration
 - National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC).

All phones that are sold in the United States must

comply with FCC safety guidelines that limit RF exposure.

FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data

that are needed. Lifetime animal exposure studies could be completed in a few years.

However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

6. What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new

research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products--and at this point we do not know that there is--it is probably very small.

But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of

the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

8. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

9. Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head but believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone.

The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

10. What about wireless phone interference with medical equipment?

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interfer-

ence (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a "compatible" phone and a "compatible" hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Updated July 29, 2003

For more information, please visit the FDA website at <http://www.fda.gov/cellphones>.

■ EMERGENCY CALLS

Never rely solely upon your wireless phone for essential communications (e.g., medical emergencies), if it can be avoided, since a wireless phone requires a complex combination of radio signals, relay stations and landline networks for its operation. Consequently, emergency calls may not always be possible under all conditions on all wireless phone systems. Your wireless phone, however, may sometimes be the only available means of communication at the scene of an accident. When making an emergency call, always give the recipient all necessary information as accurately as possible. Never terminate an emergency call until you have received clearance to do so.

FCC ENHANCED 911 (E911) RULES

Background

The Federal Communications Commission (FCC) requires wireless carriers to transmit specific latitude and longitude location (Automatic Location Identification = ALI) information as well as "911" calls to Public Safety Answering Points (PSAPs) to identify the location of the caller in case of emergency.

Generally, the rules require that carriers identify an E911 caller's location within 50 meters of the actual location for 67 percent of calls and within 150 meters of the actual location for 95 percent of calls.

UTStarcom CDM8964VM ALI Capability.

The UTStarcom CDM8964VM is an ALI-capable phone equipped with a GPS (Global Positioning System) receiver supporting a satellite-based GPS ALI-capable network to comply with the FCC's ALI requirements.

The network compliance with the above FCC requirements is dependent on: (a) the use of digital technology by the wireless network; (b) GPS satellite signals being able to reach the phone (such transmissions do not always work indoors, for example); and (c) phone signals reaching wireless "base stations" (atmospheric and environmental conditions may cause variations in phone receiving signal strength).

Also the transmission of the ALI information is subject, in part, to system constraints within the wireless network to which the E911 signal is transmitted and over which UTStarcom has no control.

Finally, customers are advised that the UTStarcom CDM8964VM ALI capability is to be used for E911 purposes only.

This feature allows you to place an emergency call even if your phone is in "Phone Lock" or "Restrict" mode when you dial the preprogrammed emergency number, 911, #911, or *911. It also operates in out-of-service areas.

The phone maintains emergency mode until you press after disconnecting an emergency call. In emergency call mode, the phone can receive an incoming call from any available system.

To call "911" in "Phone Lock" or "Restrict" mode

1. Enter **9**_{WXYZ}, **1**_{ES..}, **1**_{ES..}.
2. Press **SEND**. "911" and "Emergency" will appear on the screen.

■ COMPLIANCE WITH OTHER FCC REGULATIONS

OPERATING PROCEDURES

Never violate any of the following Rules and Regulations of the FCC when using your Cellular Phone. Such violations are punishable by fine, imprisonment or both.

- Never use your Cellular Phone to send false distress calls.
- Never wiretap or otherwise intercept a phone call, unless you have first obtained the consent of the parties participating in the call.
- Never make any anonymous calls to annoy, harass, or molest other people.
- Never charge another account without authorization, to avoid payment for service.
- Never willfully or maliciously interfere with any other radio communications.
- Never refuse to yield the line when informed that it is needed for an Emergency Call. Also, never take over a line by stating falsely that it is needed for an emergency.

■ GENERAL SAFETY

PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on the product, battery and adapter/charger.

Failure to follow the directions below could result in serious bodily injury and/or property damage due to battery liquid leakage, fire or rupture.

- DO NOT use or store this equipment in a place where it will be exposed to high temperatures, such as near an open flame or heat-emitting equipment.
- DO NOT drop your device or subject it to severe shock. When not using, lay down the unit to avoid possible damage due to instability.
- DO NOT expose this equipment to rain or spilled beverages.
- DO NOT use unauthorized accessories.
- DO NOT disassemble the phone or its accessories. If service or repair is required, return to an authorized UTStarcom cellular service center. If unit is disassembled, the risk of electric shock or fire may result.

■ ANTENNA

ANTENNA SAFETY

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the

phone, or result in violation of FCC regulations. Please contact your local dealer for replacement antenna.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

■ BATTERY

BATTERY SAFETY

Your device uses a removable and rechargeable lithium ion battery. Please contact customer service for assistance should you need a replacement battery.

DOs

- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 41°F (5°C) and 95°F (35°C).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Completely drain the battery before recharging. It may take one to four days to completely drain.
- Store the discharged battery in a cool, dark, and dry place.

- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local regulations.

DON'Ts

- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't expose the battery terminals to any other metal object (e.g., by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens). This can short circuit and critically damage the battery.
- Don't leave the battery in hot or cold temperatures. This could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery in a fire.

Lithium ion batteries are recyclable. When you replace your built-in battery, please request the repair center to recycle the battery in accordance with RBRC standards. When disposing of the battery by yourself, please call RBRC at (800) 822-8837 for proper disposal tips.

Never touch any fluid that might leak from the built-in battery. Such liquid could cause injury to the skin or eyes. Should the liquid come into contact with the eyes, irrigate the eyes thoroughly with clean water and immediately seek medical attention. In the event the liquid comes into contact with the skin or clothing, wash it away immediately with clean water.

■ ADAPTER/CHARGER

CHARGER

The charger designed by UTStarcom for this unit requires the use of a standard 120 V AC power source for its operation.

- Never attempt to disassemble or repair a charger.
- Never use a charger if it has a damaged or worn power cord or plug. Always contact a UTStarcom authorized service center, if repair or replacement is required.
- Never alter the AC cord or plug on your charger. If the plug will not fit into the available outlet, have a proper outlet installed by a qualified electrician.
- Never allow any liquids or water to spill on the charger when it is connected to an AC power source. Always use the authorized UTStarcom charger to avoid any risk of bodily injury or damage to your cellular phone or battery.
- Never attempt to connect or disconnect the charger with wet hands. Always unplug the charger from the power source before attempting any cleaning. Always use a soft cloth dampened with water to clean the equipment, after it has been unplugged.

Handling the cord on this product or cords associated with accessories sold with this product, will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling. Always

disconnect the charger from the power source when it is not in use.

■ RECYCLE YOUR CELL PHONE!

Carriers marketing this cell phone have an in-store phone take-back program. Consumers can drop off their used wireless devices to specified carrier retail outlets for recycling purposes. For a list of carrier members and collection sites, visit the cellular industry's recycling website www.recyclewirelessphones.com.

To mail in your old wireless device to UTStarcom Personal Communications for recycling purposes, simply package your old wireless device and any accessories (including discharged batteries) in appropriate shipping materials and mail to:

For Recycling UTStarcom Personal Communications LLC 555 Wireless Blvd. Hauppauge, NY 11788
Wireless phones also can be donated to the Wireless Foundation's DONATE A PHONE® CALL TO PROTECT® campaign. This charitable cause collects wireless phones to benefit victims of domestic violence. All donated phones are tax deductible. You may mail the phone to:

CALL TO PROTECT2555 Bishop Circle WestDexter, MI 48130 - or drop the phone off at a local collection center. For a list of collection centers, visit www.wirelessfoundation.org/CalltoProtect/dropoff.cfm

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■ FCC HEARING-AID COMPATIBILITY (HAC) REGULATIONS FOR WIRELESS DEVICES

THIS PHONE HAS A HAC RATING OF M3

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones to assist hearing

device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully.

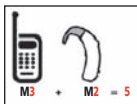
Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled.

M4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.

In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with "Normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in



this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

For information about hearing aids and digital wireless phones

- Fcc Hearing Aid Compatibility and Volume Control
<http://www.fcc.gov/cgb/drol/hearing.html>
- Gallaudet University, RERC
<http://tap.gallaudet.edu/voice>
- Self Help for Hard of Hearing People Inc. [SHHH]
<http://www.hearingloss.org>
- The Hearing Aid Compatibility FCC Order
http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-168A1.pdf

■ U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

INFORMATION TO THE USER

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

Changes or modifications not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment. Connecting of peripherals requires the use of grounded shielded signal cables.

■ FCC COMPLIANCE INFORMATION

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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